

Early European Books in the research data landscape

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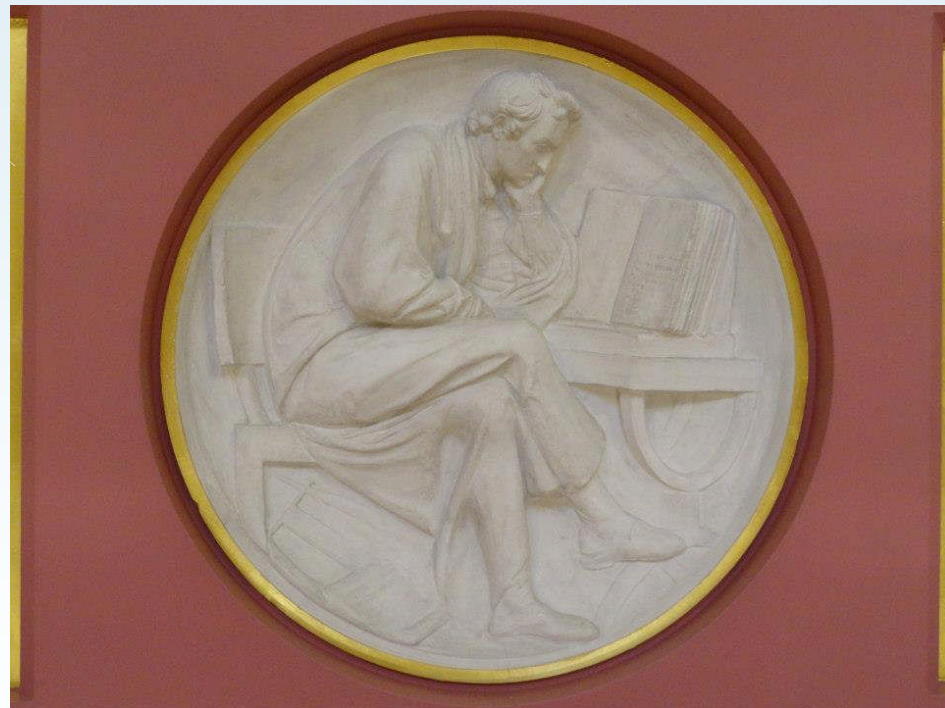
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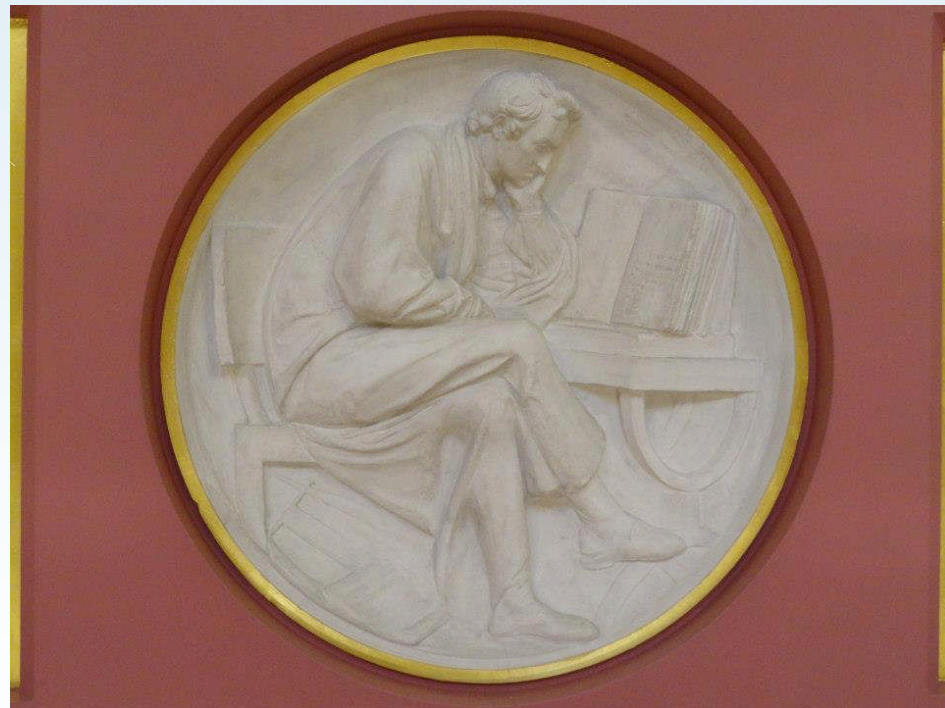
1. Early European Books
– its role for the
institution
2. Research Data and
Science 2.0
3. The impact of Early
European Books in a
Science 2.0 landscape
4. Conclusions



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Research resources

- ❑ All works printed in Europe before 1701, regardless of language, fall within the scope of the project, together with all pre-1701 works in European languages printed further afield
- ❑ Detailed descriptive bibliographic metadata accompanies each set of facsimile document images to support browsing and searching



Value

- ☐ For libraries
 - ☐ Early printed collections available to all staff and students
 - ☐ Supports UCL's research-based learning agenda
 - ☐ Part of UCL 2034 Strategy
- ☐ For users
 - ☐ 24x7 access to a wealth of content
 - ☐ New types of research possible that would be impossible if using analogue materials

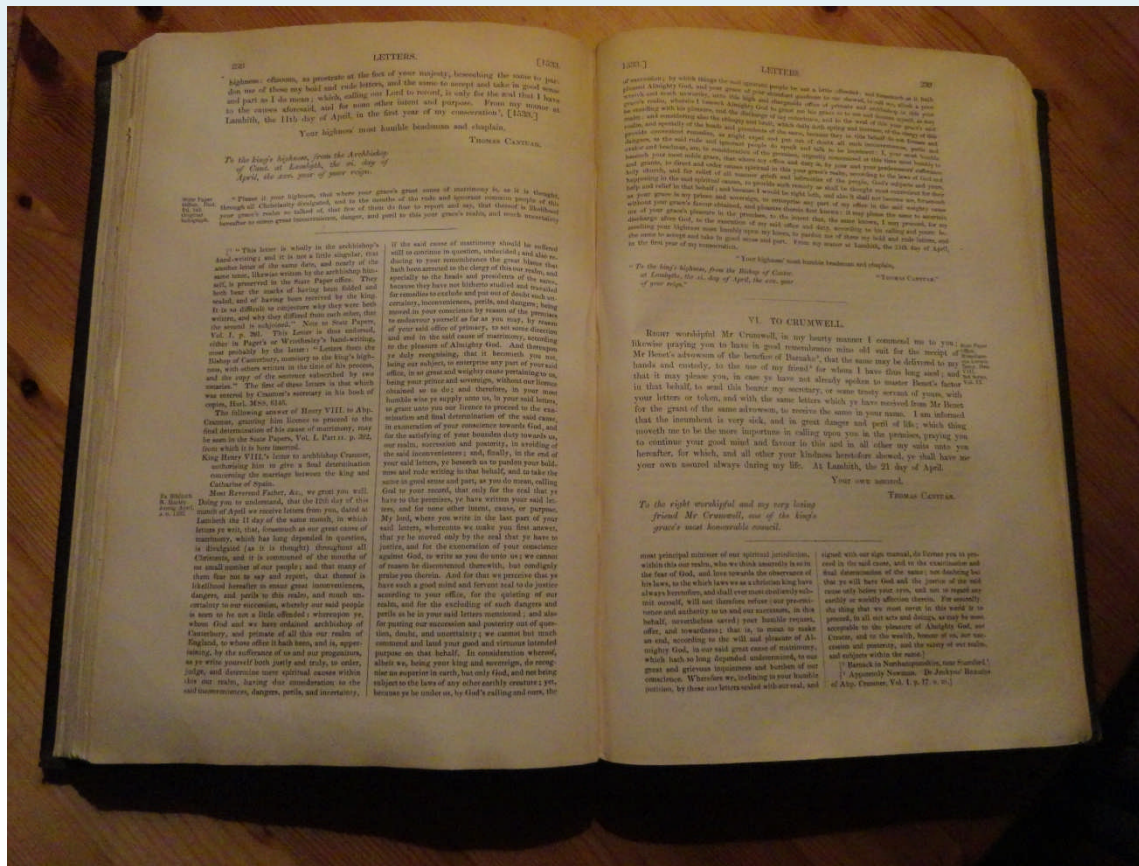


The value of digital primary sources: Tudor State Papers - Thomas Cranmer to Henry VIII

Calendar	Manuscript	Full Citation	Browse Calendar
Cranmer to Henry VIII.			
Calendar Volume Title: Letters and Papers, Foreign and Domestic, of the Reign of Henry VIII, Vol. 6: 1533. Reign: Henry VIII Entry Number: 327 Page Number: 152 Document Ref.: SP 1/75 f.78 Date: 11 April 1533 Author: Thomas Cranmer, Archbishop of Canterbury Recipient: King Henry VIII Place of Writing: Lambeth Language: English Copyright: Crown copyright Gale Document Number: MC4301400337			
327. 11 April 1533. R. O. Cranmer to Henry VIII			
St. P. I. 390. Cranmer's Letters, 237.	Beseeching the King very humbly to allow him to determine his great cause of matrimony, as belongs to the Archbishop's spiritual office, as much bruit exists among the common people on the subject. Lambeth, 11 April, 1st year of my consecration. <i>Signed</i> .		
R. O. St. P. I. 391. Cranmer's Letters, 238.	2. Another copy of the same, with slight alterations, especially towards the latter end. Lambeth, 11 April, 1st year of my consecration. <i>Signed</i> .		
Harl. MS. 6148, f. 4. B. M.3. Copy of § 1. in Cranmer's letter book.			
R. O. Lansd. 1945, f. 56 b. 4. Modern copy of § 1. B. M.			
5. Another modern copy of the same by Strype.			
<i>Add. Endd.</i> *			

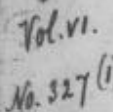
5 versions listed in
Calendar of Letters & Papers... Henry VIII

Printed version of the letters in the Parker Society edition of Cranmer's Works



□ 'It is so difficult to conjecture why they [the 2 original letters] were both written...'

□ Editor of the Parker Society edition of Cranmer's Works



3. 1. 18. 103 80
 Least ye your brethren, that were your grace yett cause of malice
 as (as it is thought) through all Christianes dignified, and in the
 morning of the end and ignorance some people of the grace
 Realme speak of that some of them do start to report and say
 that these ye schismaticke hereafter to make great movements danger
 and hurt to the grace Realme and more movement of success
 by these things ye shall ignorant people do not a little offended, I
 praye for all ye please almightie god and your grace of your
 government goodness to me (I would) to call me (albeit a young man
 and more ignorant) unto the grace and the visible office of the
 and discharge of the grace Realme, whereby I might be able
 mightie god to grace me the grace to be left and to make myself
 may be standing with the pleasure and the discharge of my conscience
 and to the welfare of the grace Realme, and therefore
 also the oblique and some where thereby duty spring and making
 of the service of the Realme, and specially of the Godd and
 presence of the same, because they in the Realme do not pass and
 provide convenient remedy, as might be good and put out of doubt
 all such inconveniences, perils, and dangers, as the end
 and ignorant people do take and take to be my next, if you
 most humble Oration and to do may any in consideration of the
 promise, devoutly constrained at the time most humble to
 to be your most noble grace, that were my office and duty
 to do the end and order cause of the grace Realme and to
 according to the service of god and the service and for relief
 of alman's grudge and infirmities of the people godd's service
 and your happening in the spiritual cause, to provide
 such remedy as shall be thought most convenient for the grace
 and relief in the cause, and because I would be right to be
 and also it shall not be my grace to be my grace ye my
 prime and privilege, to enter into any part of my office in
 the end and order cause, without your grace's consent and
 pleasure being first known, it may please the same to authorize
 me of your grace pleasure in the promise, to consent that by the
 known, I may provide for my discharge after god, to the service
 of my said office and duty according to the calling and
 the saying of the grace Realme, most humble I pray my grace to provide
 me of the my said and said to be, and the same to accept
 and take in good sense and part, from my Manor at
 the 10th day of April in the first year of my reign

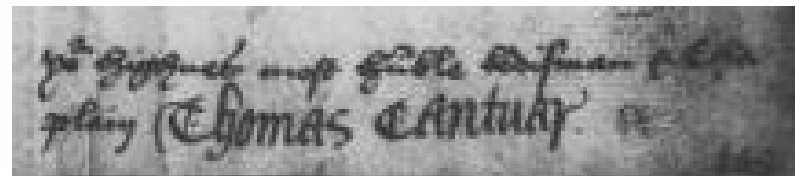
Version 2

Which is the final version?

- ☐ Use of digital images allows detailed comparisons
- ☐ Archbishop Cranmer is asking for a licence to try the King's 'grevus matter' – the nullification of his marriage to Catherine of Aragon
- ☐ Version 1 is the final version of the letter
- ☐ Version 2 is a first attempt which the King rejected
- ☐ So Cranmer had to start again...
- ☐ The handwriting of both is Cranmer's

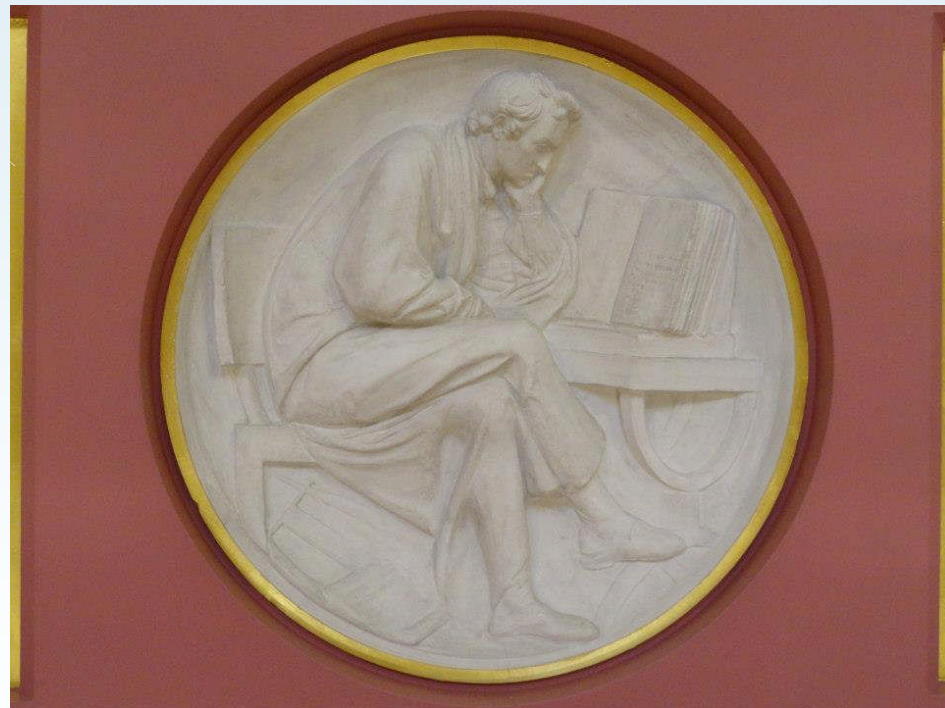
See

<http://www.gale.cengage.com/pdf/whitepapers/gdc/StatePapersOnlineWhitepaper.pdf>



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Science 2.0 consultation



- ❑ 'Science 2.0' describes the on-going evolution in the modus operandi of doing research and organising science. These changes in the dynamics of science and research are enabled by digital technologies and driven by the globalisation of the scientific community, as well as the need to address the Grand Challenges of our times. They have an impact on the entire research cycle, from the inception of research to its publication, as well as on the way in which this cycle is organised.

Science 2.0 consultation



- ☐ The three main objectives of the consultation were:
 - ☐ to assess the degree of awareness amongst the stakeholders of the changing *modus operandi*
 - ☐ to assess the perception of the opportunities and challenges
 - ☐ to identify possible policy implications and actions to strengthen the competitiveness of the European science and research system by enabling it to take full advantage of the opportunities offered by Science 2.0
- ☐ Results of the Consultation will be announced in the coming weeks

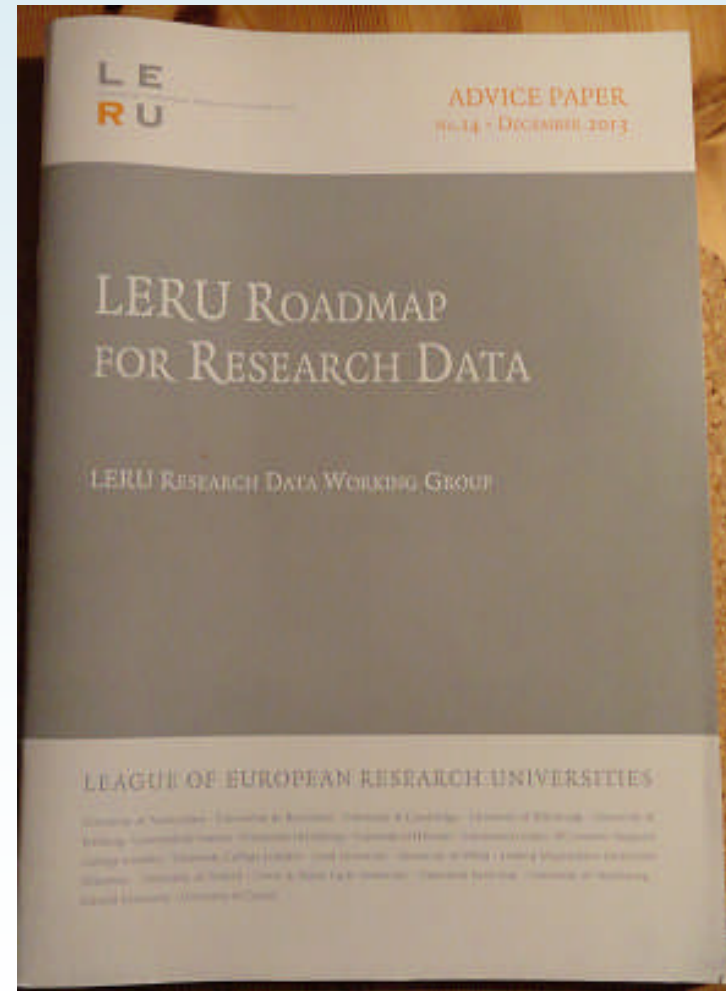
What do research universities think of Science 2.0?

- ☐ Universities are generally favourable to Science 2.0 approaches
- ☐ The concept of making research data 'open' is new to some, but practised by others
- ☐ Universities worry about the costs of research data management
- ☐ Some Arts and Humanities researchers wonder how the discussion relates to them



UCL Special Collections, 15th century
Book of Hours, with 19th century
additions. MS. Lat. 25

☐ Overseen by Research Data Working Group

[illegible]

LERU Roadmap for Research Data

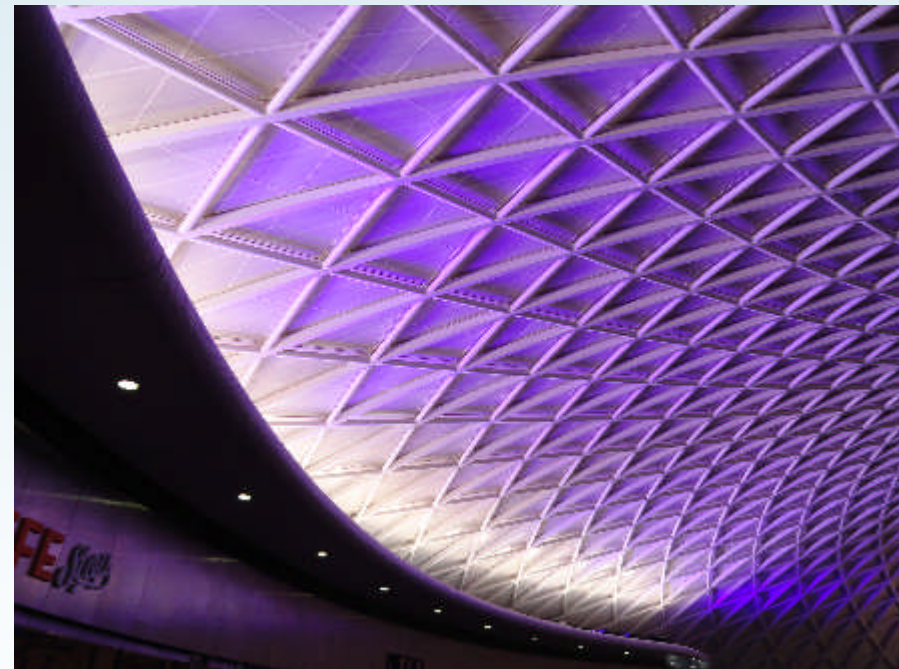
1. Policy and Leadership
2. Advocacy
3. Selection and Collection, Curation, Description, Citation, Legal Issues
4. Research Data Infrastructure
5. Costs
6. Roles, Responsibilities and Skills
7. Recommendations to different stakeholder groups



The Globe, Cern, Geneva

Key Messages

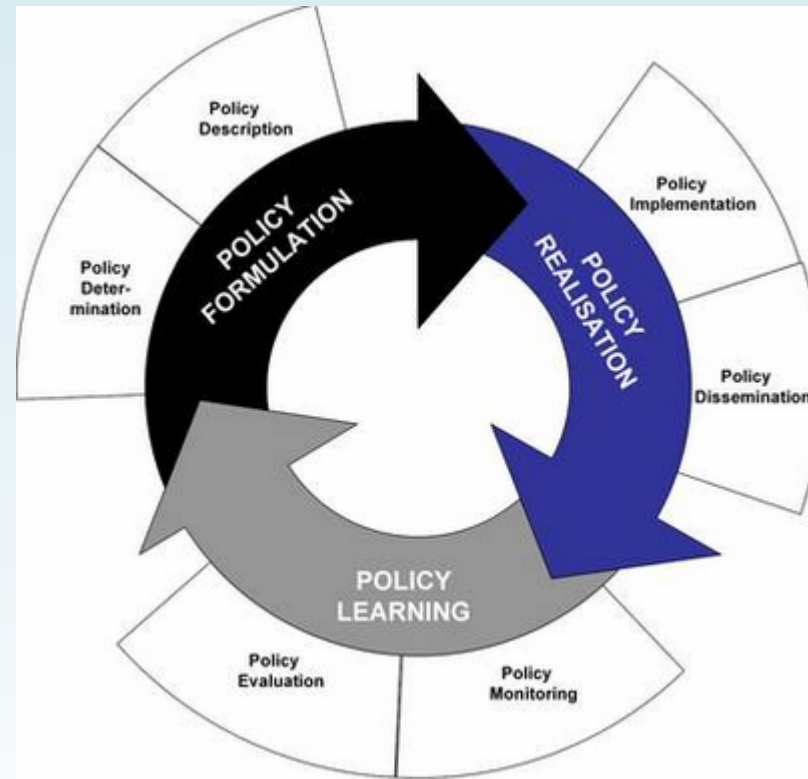
- ❑ Each LERU university needs a Research Data Management Strategy
- ❑ Researchers should have Research Data Management Plans
- ❑ LERU universities need to bring stakeholders together
- ❑ Benefits of 'open data' for sharing and re-use should be advocated and explored



King's Cross, London

Policy Development

- ☐ Case Study on Policy development from UCL
- ☐ Drivers
 - ☐ External funders
 - ☐ Need to inform researchers
 - ☐ Raise awareness of issues facing UCL researchers
- ☐ Identifies roles and responsibilities
- ☐ Data to be made open in the most open manner appropriate

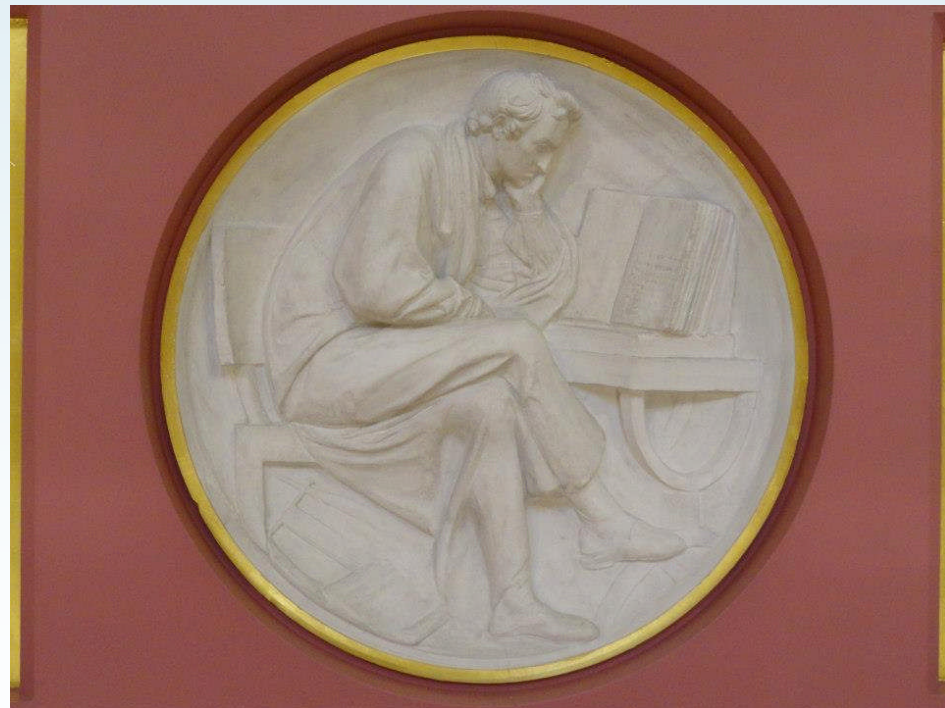


See www.lanecrothers.net/politicalprof/the-policy-cycle-and-our-frozen-politics/

- ☐ Researchers should have Data Management Plans
- ☐ LERU slams lack of data policies – *Research Europe*

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Early European Books and Science 2.0

- ☐ Vision of Early European Books is tremendous
- ☐ The whole of European printed output between 1475 and 1700
- ☐ With the database as a bibliography of the imprints
- ☐ This is Science 2.0
- ☐ 'Open' agenda addressed
 - ☐ Material from publicly-funded libraries will be Open Access after 10 years



Early European Books and Science 2.0

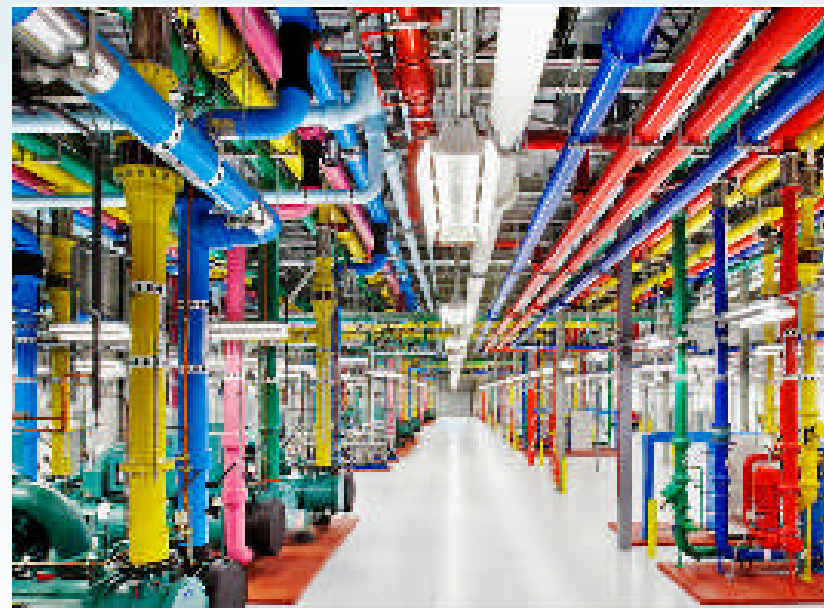
- ❑ Vast new research resources are available to everyone
- ❑ Research-based teaching and learning become a reality
- ❑ New collaborations emerge
- ❑ New forms of analysis are possible using Text and Data Mining techniques which are not possible in a paper world



Justinian's 'Pandects'. A parchment fragment from the 14th century, consisting of one double folio leaf. UCL Library Services

Text and Data Mining (TDM) – what is it?

- ❑ TDM derives information from machine-read material
- ❑ It works by copying large quantities of material, extracting the data, and recombining it to identify patterns
- ❑ Essential aspect of Science 2.0 or Open Science



LIBER TDM Factsheet at

<http://www.libereurope.eu/sites/default/files/Text%20and%20Data%20Mining%20Factsheet.pdf>

TDM

- ❑ Less TDM activity is undertaken in Europe than other parts of the globe, partly because of European copyright frameworks
- ❑ Publishers offering licences for TDM which are limiting
- ❑ EU TDM Expert Group has argued for an Exception for TDM in EU copyright laws
- ❑ http://ec.europa.eu/research/innovation-union/pdf/TDM-report_from_the_expert_group-042014.pdf

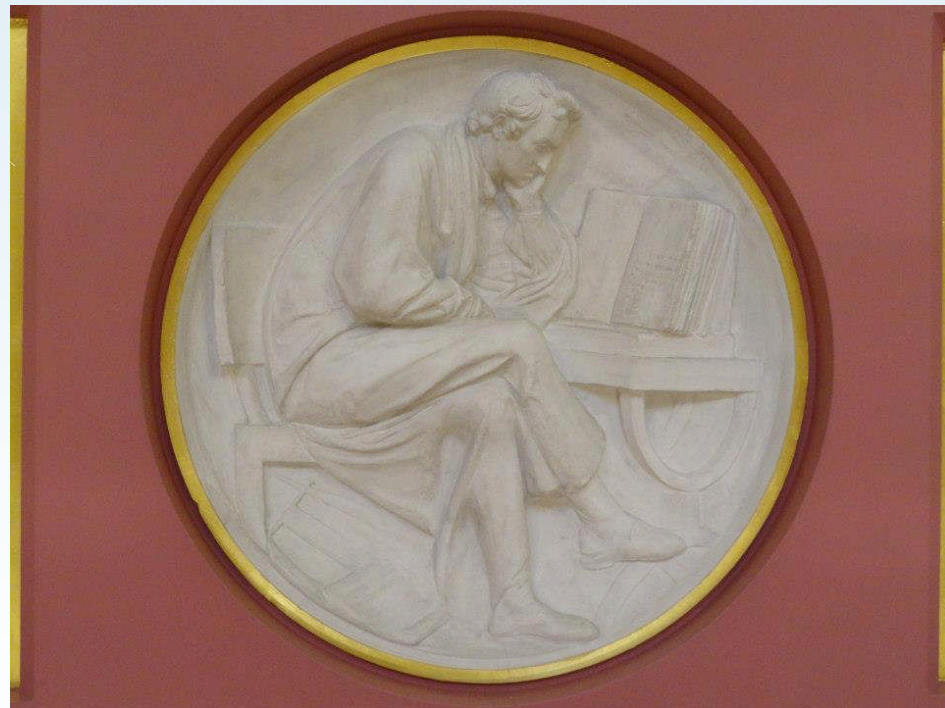


LIBER TDM Workshop, London 2013

- ❑ Or a broader change in the form of an open norm or an interpretive instrument

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Conclusions

- ❑ Research Data is part of the Science 2.0 agenda
 - ❑ EEB is a defining project delivering on this for Arts and Humanities
 - ❑ A magnificent bibliography and treasury of content
 - ❑ With Open Access to content after 10 years
-
- ❑ Thanks for listening
 - ❑ Happy to hear questions



National Library of Latvia, Riga